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ABSTRACT

This summary of the decisions and recommendations of the Planning Conference for Solar Technology Information Transfer includes a brief discussion of the outline of a functioning solar energy technology network in the State of Mississippi. During the conference, participants recognized current energy information needs and recommended ways to meet those needs: (1) effective dissemination of energy information and updating of same, (2) training in the subject for library personnel, (3) avoidance of duplication, (4) a union catalog of Mississippi library holdings, (5) centralized capability for rapid transfer and location of a heavy volume of sophisticated requests, (6) education of target groups, (7) adequate staff and funding for individual agencies, (8) a comprehensive technological collection within the state, and (9) related problems. Recommendations focus on the promotion of better communication and cooperation between agencies, libraries, institutions and professional organizations in fashions supportive of the economical and effective delivery of solar energy information to the public. A list of participants, the conference agenda, and a list of solar energy library materials are appended. (Author/CWM)

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Southeastern Library Association

Oak Ridge National Laboratory

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REPORT OF A PLANNING CONFERENCE

FOR SOLAR TECHNOLOGY INFORMATION TRANSFER

Jackson, September 7-8, 1978

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

Johnnie Givens, Conference Director

Sid F. Graves, Jr., Recorder and Editor

CG010622

REPORT OF A PLANNING CONFERENCE

FOR SOLAR TECHNOLOGY INFORMATION TRANSFER

Jackson, September 7-8, 1978

Introduction

The Planning Conference for Solar Technology Information Transfer represents one part of a project through which the Southeastern Library Association (SELA) has proposed to assist the Oak Ridge National Laboratory (ORNL) in "designing, implementing, and monitoring a residual system for dissemination of information first to selected target groups, and secondarily to the general public" (SELA proposal to ORNL). According to the proposal, the system's structure will include a mechanism "whereby the concerned individual, particularly from one of the identified transfer agency groups, will be able to make his inquiry on solar technology to the local information center."

In July, 1977, SELA began cooperating with ORNL in coordinating the dissemination of information state by state throughout a fourteen state area. The Mississippi Conference was held for representatives of various information units within the state to identify energy information needs and to recommend immediate and long-range ways in which those needs can be met.

Conference participants (see Appendix A) expressed enthusiasm for increased cooperation among their agencies, institutions and professions throughout the discussions. The participants readily agreed upon the important need for up-to-date solar technology information for the public through its libraries and of the need for public awareness of the avail-

ability of this information.

Other needs and limitations which Conference participants recognized include the importance of following through on the spirit of cooperation and enthusiasm generated by the Conference; effective dissemination of energy information and updating of same; training in the subject for library personnel; avoidance of duplication; lack of a union catalog of Mississippi library holdings; lack of centralized capability for rapid transfer and location of heavy volume of sophisticated requests; education of target groups; staff and funding limitations of individual agencies; existence of comprehensive technological collection within the state; and related problems.

Recommendations of the Conference focus on the promotion of better communication and cooperation between agencies, libraries, institutions and professional organizations in fashions supporting economical and effective delivery of solar energy information to the public. (It should be noted that the term "solar energy" was understood and used by participants in its broader applications which relate to and include all sources of energy.)

It is the purpose of this report to serve as a summary of the Conference and a working paper for the successful implementation of the specific decisions and recommendations of the Conference. Principle Recommendations given below are followed by categories of responsibility.

Principal Recommendations of the Planning Conference

I. An individual, preferably with library skills and experience, should be employed at the Mississippi Library Commission (MLC) through funding of the Governor's Office of Fuel and Energy Management; that interim funding, if necessary, be provided by the appropriate state government agency (e.g., MS Energy Extension Service) in order that this person may begin work as soon as possible; this employee will be responsible for updating and disseminating solar energy information, including bibliographies, to libraries by utilizing existing dissemination procedures of MLC; this employee will also be responsible for public awareness and publicity in cooperation with MLC's existing public information component;

II. A. The Mississippi Energy Advisory Task Force was created with the responsibility for implementing the recommendations of the Conference; this body will represent as wide a diversity of "energy influencers" as feasible; the Task Force will plan and implement programs based on Conference decisions and subsequent related needs; this group will meet as soon as possible after the Conference to discharge these duties;

B. Joe B. Forsee (MLC Director) and Dr. Bill Linder (MS Energy Extension Service Coordinator) were elected Co-Chairmen with the recommendation that they jointly appoint five additional members to the Task Force;

III. Given Department of Energy (DOE) approval to share RECON* password which MS Energy Extension Service uses, the Advisory Task Force will seek funding for training personnel of institutions and agencies in the state with access capability;

IV. The identification, by Planning and Development Districts, of available facsimile transmission equipment for use by libraries will be made by the Advisory Task Force and the purchase of facsimile units for public library location where cooperative use of such units by government and educational agencies is not otherwise possible is endorsed;

*See page 8.

V. Training in energy information should be provided to librarians throughout the state;

VI. Public forum or discussion programs on the subject of energy technology and related topics should be held in libraries throughout the state for the purpose of public education;

VII. A copy of the Conference Report will be provided to the Advisory Committee for the 1979 Mississippi Governor's Conference on Libraries.

Public Libraries

There are approximately 250 public libraries in the state with 45 libraries serving as administrative headquarters for systems of various organizational structures (e.g., city, county, multi-county, etc.). All administrative units receive at least weekly WATS-line calls from MLC for interlibrary loan purposes. Materials and information unavailable at local libraries are borrowed from MLC, academic or other libraries.

The fact that some Conference participants were unaware of the existence of basic public library services, such as interlibrary loan and information and referral, was dramatic evidence of the pressing need for more effective and intensive publicity programs on the part of librarians.

Questions were raised as to the ability of libraries to be "all things to all people" and to meet increased demands from more citizens. It was concluded that libraries were experiencing increased requests and use by the public annually and that taxpayers were more likely to support services of which they were aware than those of which they were unaware. Participants endorsed accelerated publicity campaigns.

It was pointed out that a number of professionals, such as architects, "have given up on libraries as sources of up-to-date technical information." Again, the need to increase the target group's awareness of public library access to materials beyond the local library's shelves was stressed as an important priority.

Conference participants endorsed the following recommendations for public libraries:

1. Public libraries shall serve as the public's first source of solar energy technology information;

2. SELA solar energy packets will be placed in each public library;

3. Libraries will have access to more technical information through interlibrary loan, including access to the SELA backup technical collection at MLC;

4. Energy information will be kept current by (a) communication with new staff member housed at MLC; (b) normal procedures of discarding outdated materials and selecting and acquiring current information; and (c) monitoring vertical files closely;

5. Public libraries will receive continuing education and training in energy technology information;

6. Local public libraries will publicize the availability of energy information through newspapers, radio, television, displays, handouts, puppet and other children's programs, brochures, distribution of government energy publications in bulk and programs such as public forums; assistance in these efforts, including some printed materials, such as bookmarks, will be available from MLC;

7. The above recommendation is based on recognition that local public libraries need to reach beyond library doors and even current library users to inform the public of the basic library role as an agency of reliable and current information such as that relating to energy;

Mississippi Library Commission

The Mississippi Library Commission was established, in 1926, to develop library service throughout the state. MLC's Information Services department is the center of a cooperative interlibrary loan network of libraries of all types, including those of other state agencies. When a local library is unable to fill a patron's request from its own resources, it forwards the request to Information Services via mail or one-way WATS-line calls from MLC which maintains a central

collection of books and other information resources in its Jackson location.

MLC has placed teletype equipment in the libraries of The University of Mississippi, The University of Southern Mississippi and Mississippi State University to facilitate interlibrary loan transactions.

MLC's professional consultants are available to local libraries and to state agencies and institutions for assistance in library needs and development such as the organization of state agency libraries.

1. MLC will place SEIA packets in each public library in the state;

2. MLC will house the SEIA backup solar energy technology collection to supplement packets and will make these materials available through interlibrary loan;

3. MLC will house the new intergovernmental employee with above-described responsibilities;

4. MLC will provide through interlibrary loan a three-hour videotape of SEIA instruction in library use of solar energy information materials and sources;

5. MLC will utilize its existing information dissemination facilities and procedures to bring energy information to libraries, government officials, agencies and citizens;

6. MLC Director will represent libraries and MLC on the State Advisory Committee of the Mississippi Energy Extension Service;

7. MLC will utilize camera-ready energy publicity materials prepared by SEIA to provide bookmarks, brochures and related items to the public through all type libraries;

8. MLC will utilize its periodic library administrators' workshops and conferences to disseminate energy information;

9. MLC will provide names and addresses of public libraries to Conference participants for mailing lists such as ENERGYGRAM;

10. Energy-related information is available from MLC collection to state agencies and to libraries through interlibrary loan;

11. MLC will investigate development of energy information programs for the public through local libraries with possible funding from sources such as the Mississippi Committee for the Humanities;

12. MLC Director Joe Finney will serve as Chairman of a MS Energy Extension Service sub-committee on the identification of energy information needs of a target audience of builders, architects, contractors, lending agencies, etc.

Academic Libraries

1. College and university libraries make available books and other sources of information on energy through existing interlibrary loan system;

2. Some academic libraries (e.g., Mississippi State University, The University of Mississippi and Millsaps College) have access to databases, such as the Southeastern Library Network (SOLINET), which are sources of bibliographic information and which have potential for expanded effectiveness in solar energy technology information transfer;

3. The University of Mississippi serves as a regional depository for federal government documents, including publications relating to energy;

4. Mississippi State University established an architectural library collection after MSU joined SOLINET and has reclassified all architectural holdings and input into SOLINET database. Has partial holdings in printout form which MSU plans to make available to students, practicing architects and to the public through interlibrary loan as funds allow;

5. Due to MSU's engineering, architectural and related collections, Conference participants recommended that other institutions and libraries should support development of a strong comprehensive collection of energy-related materials and information at MSU;

Mississippi Energy Extension Service

This agency was formed by the Board of Institutions of Higher Learning in 1977, and is administered by Mississippi State University. It assists in statewide energy education, utilizes and facilitates energy programs of other agencies, maintains a reference collection of energy technology information, produces bibliographies, designs energy auditing programs for schools, etc., conducts workshops on energy, utilizes NEICEN (Remote Console energy-related database through the United States Department of Energy), coordinates energy conservation efforts, publishes ENERGY-GRAM, a joint newsletter of the Fuel and Energy Management Commission, Cooperative Extension Service, MSU and MEES.

Conference recommendations regarding the Mississippi Energy Extension Service include the following:

1. ENERGYGRAM newsletter will be mailed to Mississippi public libraries with address labels provided by MLC;

2. MEES will work with MLC and other agencies to provide up-to-date energy information to the public through public libraries on a continuing basis;

3. With DOE approval, MEES will provide NEICEN password access to Mississippi agencies, institutions and libraries with computer capability;

4. MEES is producing an index of individuals with energy-related expertise;

5. MEES will appoint Director of MLC to its State Advisory Committee;

6. MEES will appoint Director of MLC as Chairman of a subcommittee to identify energy information needs of a target audience of builders, architects, contractors, lending agencies, etc.;

7. MEES Coordinator will serve as Co-Chairman of Mississippi Energy Advisory Task Force.

Schools and Educational Media Services

The Educational Media Services section of the State Division of Instruction is an information service and research center for Mississippi educators.

Conference participants agreed upon the following:

1. Educational Media Services, schools and other agencies involved with primary and secondary education should promote energy information awareness.

2. Science fairs, as well as other special activities, should be utilized to promote student, faculty, parent and community awareness of energy technology and issues.

3. While funding is not available through SDE to provide solar energy packets to schools, bibliographies and most materials contained in the packets may be duplicated by ESS and individual schools for use in school libraries, classrooms, etc.

4. Development of curriculum materials on energy is desirable.

5. Students should be encouraged to come to public libraries for energy information, and publicity efforts should include such encouragement.

Mississippi Library Association

1. MLA will support implementation of Conference recommendations.

2. MLA's Education Committee will assume responsibility for development of energy-related educational programs for librarians.

Special Libraries

Special libraries, such as those maintained by the Mississippi Research and Development Center and its Regional Technical and Space Information Center, were recognized as important components of a total energy information program in the state. The Research and Development Center's Information Services Division maintains a special Mississippi data center with a technical collection and disseminates information needed by agencies, firms and others relating to the state's economic development.

Mississippi Energy Advisory Task Force

1. Co-Chairmen will appoint five additional members.
2. Task Force will meet as soon as feasible to develop interim conference recommendations and to plan for future needs.

Southeastern Library Association

1. SELA is providing solar energy packets to Mississippi public libraries and a backup technical collection to MLC for circulatory use.
2. SELA conducted a workshop for librarians in Jackson on the use of solar energy technology information; this workshop was video-taped.
3. SELA will investigate possible funding for solar energy information publicity campaign.
4. SELA will take cognizance of the individual state reports and determine common needs at the regional level.

Appendix A

A PLANNING CONFERENCE FOR SOLAR TECHNOLOGY INFORMATION TRANSFER

September 7-8, 1978
Downtowner Motor Inn
Jackson, Mississippi

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Appendix B

A PLANNING CONFERENCE
FOR
SOLAR TECHNOLOGY INFORMATION TRANSFER

September 7-8, 1978

Downtowner Motor Inn
Jackson, Mississippi

AGENDA

Thursday, September 7

10:00 a.m. - 5:00 p.m. Downtowner Motor Inn Skyway Suite	PLANNING FOR SOLAR TECHNOLOGY INFORMATION TRANSFER Presiding - Johnnie Givens Executive Director - SELA Introduction of Participants Announcements Background Interaction of participants in a planning mode

(Box lunches will be served at noon)

Reservation for the participants who wish to have dinner together as a group will be made for Thursday evening.

Friday, September 8

8:30 a.m. - 11:30 a.m. Downtowner Motor Inn	Presiding - Johnnie Givens Executive Director, SELA
	Introduction of participants who joined the conference
	Design of the information dissemination system - the participants
11:30 a.m. - 1:30 p.m.	Lunch

(Sid F. Graves will serve as recorder/editor and will outline the plan during this break.)

1:30 p.m. - 3:00 p.m.	Presentation of the plan outline - Sid Graves
	Reaction - approval of the plan - the participants

Appendix C

CHECKLIST
OF

SOLAR ENERGY MATERIALS PROVIDED TO ALL MISSISSIPPI PUBLIC LIBRARIES BY THE SOUTHEASTERN LIBRARY ASSOCIATION UNDER CONTRACT TO THE OAK RIDGE NATIONAL LABORATORY AS PART OF THE UNITED STATES DEPARTMENT OF ENERGY SOLAR TECHNOLOGY TRANSFER PROJECT

Basics of Solar Utilization. Reprint from "HUD Intermediate Minimum Property Standards Supplement, 1977 Edition, Solar Heating and Domestic Hot Water Systems."

Bibliography on Passive Solar Energy Designs and Systems. NSHCIC

Bibliography on Public Utilities and Solar Energy. NSHCIC

Buying Solar. Federal Energy Administration. June 1976
GPO SN 041-018- 00120-4 $1.85

Collector Sizing Computer Programs. NSHCIC

Films/Slides - Solar Energy for Heating and Cooling of Buildings. NSHCIC

Forrester, Larry. The Insurance Perspective. Presentation Made at the New England Council's "New England and the Nation: Solar Energy Perspectives," October 28, 1976

From HUD Energy. Sit Down...Digested from "In the Bank...or Up the Chimney?" Department of Housing and Urban Development, October 1975 NSHCIC

Heating and Air Conditioning Systems Installation Standards for One and Two Family Dwellings and Multifamily Housing Including Solar. Sheet Metal and Air Conditioning Contractor's National Association, Inc., 8224 Old Courthouse Road, Tyson's Corner, Vienna, VA 22180 $6.00

An Introduction to Solcost: A New Simplified Design Method for Residential and Light Commercial Solar Heating and Cooling. ERDA Division of Solar Energy, Technology Transfer Branch, 2nd Edition 1977
International Business Services Inc., Solar Group, 1010 Vermont Ave., Washington, DC 20005

I've Got A Question About Using Solar Energy. 1977 DOE TIC

National Program for Solar Heating and Cooling of Buildings. ERDA, Division of Solar Energy, Nov. 1976 ERDA 76-6
GPO SN 060-000-00043-3 $1.55

National Science Teachers' Association Factsheet #7 - Solar Heating and Cooling. DOE TIC

National Solar Heating and Cooling Information Center. A Complete Source for Solar Heating and Cooling Information. NSHCIC

Passive Design Ideas for the Energy Conscious Consumer. NSHCIC

Practical and Do-It-Yourself Projects for Solar Utilization. NSHCIC

Reading List for Solar Energy. NSHCIC

Residential Energy from the Sun: A Brief Description of HUD's Solar Heating and Cooling Demonstration Program. March 1978. NSHCIC

Selected Department of Energy Publications. DOE TIC

Solar Air Conditioning Bibliography. NSHCIC

Solar Assisted Heat Pump, The, (description of how a heat pump works.) NSHCIC

Solar Assisted Heat Pumps - A List of Technical Sources. NSHCIC

Solar Directories. NSHCIC

Solar Energy. DOE TIC

Solar Energy by William W. Eaton. DOE TIC

Solar Energy and Your Home. HUD, 1977. NSHCIC

Solar Energy Bibliography for Children and Young Adults. NSHCIC

Solar Energy for Agriculture and Industry. EDM-840 DOE TIC

Solar Energy Information Locator. 1978 Solar Energy Research Institute, 1536 Cole Blvd., Golden, Colorado 80401

Solar Energy Market Potential and Projections Bibliography. NSHCIC

Solar Energy Newsletters. NSHCIC

Solar Energy Publications Available from the Government Printing Office. NSHCIC

Solar Greenhouse Bibliography and List of Plans. NSHCIC

Solar Heating and Domestic Hot Water Systems: Component Description. Reprint from "HUD Intermediate Minimum Property Standards Supplement, 1977 Edition, Solar Heating and Domestic Hot Water Systems.

Solar Hot Water and Your Home. NSHCIC

Solar House Plans. NSHCIC

Solar Kit Manufacturers. NSHCIC

Solar Mobile Homes. NSHCIC

Solar Retrofit Bibliography. NSHCIC

Solar Water Heating Consumer Guide. New England Electric Co., 20 Turnpike Road, Westborough, Massachusetts 01581

Solcost: Solar Hot Water Handbook. A Simplified Design Method for Sizing and Costing Residential and Commercial Solar Service Hot Water Systems. 2nd Ed. ERDA, Division of Solar Energy, Technology Transfer Branch, 1977. International Business Services, Inc., Solar Group, 1010 Vermont Ave., Washington DC 20005

Sources of Information on Alternative Energies. NSHCIC

Swimming Pool Heaters. NSHCIC

Testing Facilities for Solar Equipment. NSHCIC

Yellot, John I. and MacPhee, Carl W., Solar Energy Utilization for Heating and Cooling. Chapter 59 of the 1974 Edition, Applications Volume of the ASHRAE Guide and Data Book Series. GPO SN 038-000-00188-4 $.70

ORDERING INFORMATION

1) DOE TIC — U.S. Department of Energy
Technical Information Center
P.O. Box 62
Oak Ridge, TN 37830

2) GPO — Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402
(minimum GPO order, $1.00)

3) NSHCIC — National Solar Heating and Cooling Information Center
P.O. Box 1607
Rockville, MD 20850